

Form PTO-1449 U.S. Department of Commerce
(Rev. 8-88) Patent and Trademark Office

Attorney Docket No.: 2803.68989

Serial No.:

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Applicant: Kumagai et al.

Filing Date: 1-8-04

Group:

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
U.S.	11-85319	Mar. 30, 1999	Japan			Abs.	
U.S.	11-190974	Jul. 13, 1999	Japan			Abs.	
U.S.	2000-250014	Sep. 14, 2000	Japan			Abs.	
U.S.	11-184392	Jul. 9, 1999	Japan			Abs.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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U.S.	3051361	Jun. 3, 1998	Japan			Abs.	
U.S.	2000-181371	Jun. 30, 2000	Japan			Abs.	
U.S.	2001-083887	Mar. 30, 2001	Japan			Abs.	
U.S.	5-150224	Jun. 18, 1993	Japan			Abs.	
U.S.	5-73790	Oct. 8, 1993	Japan			Abs.	
U.S.	2001-027912	Jan. 30, 2001	Japan			Abs.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

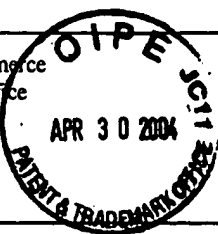
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Applicant: Kumagai et al.

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U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
U.S.	2001/0038523	Nov. 8, 2001	Bang			
U.S.	5,379,182	Jan. 3, 1995	Fujimori et al.			
U.S.	6,064,565	May 16, 2000	Ishihara et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
U.S.	JPA 11-298157	Oct. 29, 1999	Japan			Abs.	
U.S.	JPA 5-150225	June 18, 1993	Japan			Abs.	
U.S.	JPA 2000-19978	Jan. 21, 2000	Japan			Abs.	

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